

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-14. (cancelled)

15. (new) An in vitro serological diagnosis method for detecting the presence of antibodies specific to an infectious microbial agent in a sample to be tested, which comprises:

a) depositing on a solid substrate a first antigen Ag_1 comprising a whole *Staphylococcus aureus* bacterium which comprises protein A and at least one second antigen Ag_2 , wherein said second antigen Ag_2 is an infectious microbial agent, and

b) contacting said first antigen Ag_1 and said at least one second antigen Ag_2 with a sample to be tested causing said first antigen Ag_1 and said at least one second Ag_2 to react with a sample to be tested, and

c) detecting whether a human immunoglobulin Ac_1 in said human serum reacts with said first antigen Ag_1 by causing the reaction product Ag_1-Ac_1 to react with a detection substance, wherein said detection substance reacts with said human immunoglobulin and not with said first antigen (Ag_1), and wherein the reaction product Ag_1-Ac_1 is formed from the reaction of said human immunoglobulin Ac_1 and

said first antigen Ag₁, and

d) providing a controlled sample containing a human serum to be tested for detecting whether said human immunoglobulin react with said first antigen.

16. (new) The in vitro serological diagnosis method according to claim 15, wherein said detection substance is a secondary detection antibody Ac₂ which is a labeled anti-human immunoglobulin which does not react with protein A.

17. (new) The in vitro serological diagnosis method according to claim 16, wherein said anti-human immunoglobulin is an immunoglobulin of animal origin which is goat immunoglobulin or chick immunoglobulin.

18. (new) The in vitro serological diagnosis method according to claim 15, wherein said detection substance is labeled by fluorescent marking.

19. (new) The in vitro serological diagnosis method according to claim 18 which further comprises:

- performing a series of tests at increasing dilutions of the sample to be tested with the detection substance Ac₂, wherein the detection substance Ac₂ is an immunoglobulin conjugated with a fluorescent substance, and

- verifying whether a reaction product Ag₁-Ac₁-Ac₂ can be detected by fluorescence at a dilution of the sample to be tested of 1/200 or less, wherein the

reaction product $Ag_1-Ac_1-Ac_2$ is formed by the reaction of the human immunoglobulin Ac_1 , the first antigen Ag_1 , and the detection substance Ac_2 .

20. (new) The in vitro serological diagnosis method according to claim 15, wherein said infectious microbial agent of said second antigen Ag_2 is selected from micro-organisms containing a bacterium, a virus, a parasite or a fungus.

21. (new) The in vitro serological diagnosis method according to claim 20, wherein said second antigen Ag_2 is an intracellular bacterium or a virus.

22. (new) The in vitro serological diagnosis method according to claim 20, wherein said second antigen Ag_2 is selected from bacteria of the genus Rickettsia, Coxiella, Bartonella, Tropheryma, Ehrlichia, Chlamydia, Mycoplasma, Treponema, Borrelia, and Leptospira.

23. (new) The in vitro serological diagnosis method according to claim 22, wherein said second antigen Ag_2 is an infectious microbial agent which is a bacterium responsible for endocarditis.

24. (new) The in vitro serological diagnosis method according to claim 21, wherein said second antigen Ag_2 is an infectious microbial agent which is a viral antigen selected from among the H.I.V., C.M.V. or Epstein-Barr viruses.

25. (new) A diagnosis kit for detecting the presence of antibodies specific to

an infectious microbial agent in a sample to be tested, which comprises:

- a solid substrate comprising a second antigen Ag_2 which is an infectious microbial agent,
- one positive controlling inclusion comprising a human serum in the sample to be tested which comprises a first antigen Ag_1 containing a whole *Staphylococcus aureus* bacterium containing protein A, and
- at least one reagent which can detect the presence of a reaction product of said first antigen with a human immunoglobulin Ac_1 comprising a detection substance Ac_2 which comprises a labeled immunoglobulin which is an anti-human immunoglobulin which does not react with protein A.